



**We have some good news for people
who need high performance
from a low-cost graphics terminal.**

IMLAC
A Hazeltine Company

A great deal in graphics...

If you're an OEM or end user, you need more than product. The components that go into your systems must be easy to integrate, service and support. New hardware can't obsolete existing software. And maximum reliability is crucial.

We appreciate your needs so we've given them considerable thought. We know you need a supplier who realizes good service is as important as a good product. One who will give you the kind of support you need.

That's why we'd like to be your business partner. When you're looking for an interactive terminal for your system, IMLAC can provide more than just high-quality graphics. We'll also give you the product flexibility and price you need to sell your systems anywhere in the world.

We think that's a great deal better than you'll find elsewhere.

Our Experience Could Be The Key To Your Success

Since IMLAC introduced the first low-cost interactive graphics terminal more than ten years ago, thousands of people throughout the world have been using IMLAC terminals for everything from training airline pilots to designing tomorrow's integrated circuits. As a result, you can find IMLAC terminals not only in engineering design labs but also in less conventional places such as submarines. What's important is that we put our experience with users to work when we designed our new IMLAC DYNAGRAPHIC Series II interactive terminals.

Our previous DYNAGRAPHIC terminals have helped OEMs around the world develop CAD/CAM engineering and scientific systems for many different user applications. These low-cost terminals feature bright, high-resolution graphics and easy-to-use software.

Now, IMLAC has developed an even *better* terminal. The microprocessor-based Series II terminal is a compact, self-contained unit that can go anywhere your users need it. It has all the features of previous DYNAGRAPHIC terminals—plus a lot more. Display capacity, for example, has been significantly increased. And our aggressive pricing schedule makes the Series II terminal an outstanding value for both OEMs and volume end-users.

Who Needs Vector Graphics?

IMLAC Series II terminals use vector refresh graphics. How can vector graphics enhance your system?

First, with vector graphics you get a bright, high-resolution display. So you can draw complex figures without sacrificing necessary detail. But what makes vector graphics an excellent choice for many CAD/CAM applications is the range of interactive capabilities it provides.

For example, using our light pen, you can interact *directly* with your display, moving objects around the screen—or selectively erasing them. You can imagine the possibilities.



Suppose you're developing a system for architects. Local intelligence in the Series II terminal and "menus" of frequently used objects can let architects quickly lay out a room . . . and then interactively arrange these elements until they achieve the best possible configuration.

We'd be glad to show you how the Series II terminal can enhance *your* system, providing highly interactive vector graphics for the price of a raster terminal.

DYNAGRAPHIC Terminals Should Be Part Of Your System

You'll be surprised how easy it is to integrate the new Series II terminal into your system.

- Proven DYNAGRAPHIC software keeps your development time to a minimum. And it supports every interactive feature of the terminal.
- All Series II terminals come with an RS-232 interface.
- Speeds from 300 to 9600 baud are software selectable.
- A complete range of Interactive Devices is available, including Light Pen and Tablet.
- The Series II terminal supports the TEKTRONIX 4631 and VERSATEC V-80 for high-quality hard copy.
- An emulator for two popular storage-tube terminals is available for users who already have an investment in storage-tube software.

The Series II terminal has been designed to perform well in both local and remote hook-ups to a number of computers. Ask us about compatibility with your computer.

You'll Get The Support You Need

Our new Series II terminals are manufactured by our parent company, Hazeltine Corporation, which has extensive experience producing high-quality terminals in large volumes. Therefore, we're able to give you the support you need now and as your requirements grow.

Introducing the IMLAC Series II

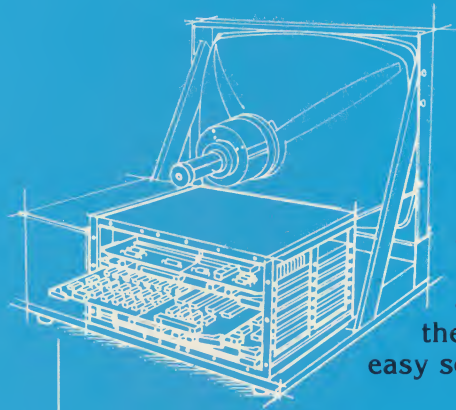
*Now you can get a terminal
that does a high-*

Good Things Come In Small Packages

When we designed our new Series II terminal, we had one thing in mind—to give you a powerful interactive tool you could put into your system without a lot of headaches. That's why, for example, we give you easy-to-use software that cuts your development time and makes system integration easy. Plus a straightforward, modular design which incorporates the popular MULTIBUS™ for increased reliability and flexibility.

By the way, don't let the low price fool you for a moment. We've packed more performance into this compact, self-contained unit than you would have thought possible. And, if you're already using DYNAGRAPHIC terminals in your system, you'll be glad to know the new terminals are compatible with your existing software.

We've added some important new features to



the new Series II terminals. For example, there are only five major boards which, as illustrated, are readily accessible at the rear of the unit for easy servicing.

Here's How You Can Get Started

We make it easy for you to integrate the new Series II terminal into your system. The firmware inside every terminal provides a range of interactive features that helps users get their jobs done quickly. Features like selective erase, highlighting and local "dragging".

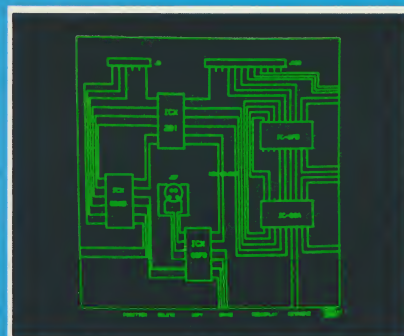
But what really makes the Series II terminal easy to integrate is our powerful host software package. This library of FORTRAN-based routines supports every interactive feature available in the terminal. So you can use any features that will enhance your system. All it takes are simple calls to our host routines.

An RS-232 interface comes standard with every Series II terminal. That makes local or remote hook-up to your host computer simple.

And, each terminal includes a Confidence Test and Self-test Diagnostics Program.



Refreshed vector graphics plus local intelligence let you move objects about on screen ("dragging") and selectively erase any portion of the drawing with virtually no host impact.



For CAD/CAM applications from design and drafting through manufacturing, Series II terminals provide large display capacity, bright, high-contrast pictures and a variety of line textures.

Series II Interactive Terminals

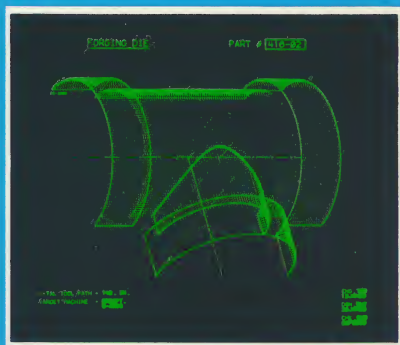
*low-cost terminal
performance job.*

You Can Do A Great Deal With The Series II Terminal

The Series II terminal is an ideal choice for many interactive CAD/CAM, engineering and scientific applications. Its high resolution lets you display complex objects in their full detail. And its 19" screen provides bright, high-contrast images under all ambient lighting conditions.

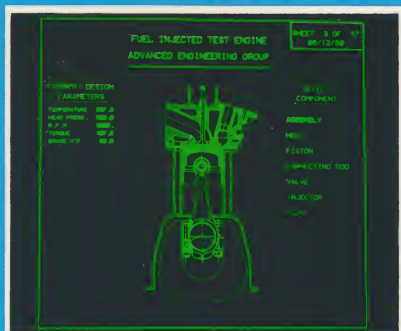
But the Series II terminal's interactive features are what make it really shine. Since every one of these features can be accessed through our easy-to-use host routines, you have a powerful interactive tool at your fingertips. Once you add your applications software, you'll have everything you need for success.

To give you an idea of what's possible with the new Series II terminal, see the illustrations below.



High resolution, 2048 x 2048 addressability and our short-vector digital drawing technique provide high quality pictures both on screen and for hard copy output.

Use of "menus" with symbols and commands plus interactive devices—light pen, tablet or keyboard—permits fast, natural man-machine interaction and optimum creativity.



We'll Support You All The Way

What's behind every new Series II terminal is as important as what's inside it. Wherever you sell or use your systems, you'll want a vendor who can give you both the product flexibility and the price you need.

IMLAC will give you much more than just high-quality graphics. From easy-to-use software to worldwide Field Service, we do everything we can to make our great deal better.



DYNAGRAPHIC Series II Interactive Terminals

*A great deal in graphics
just got a great deal better.*

just got a great deal better.

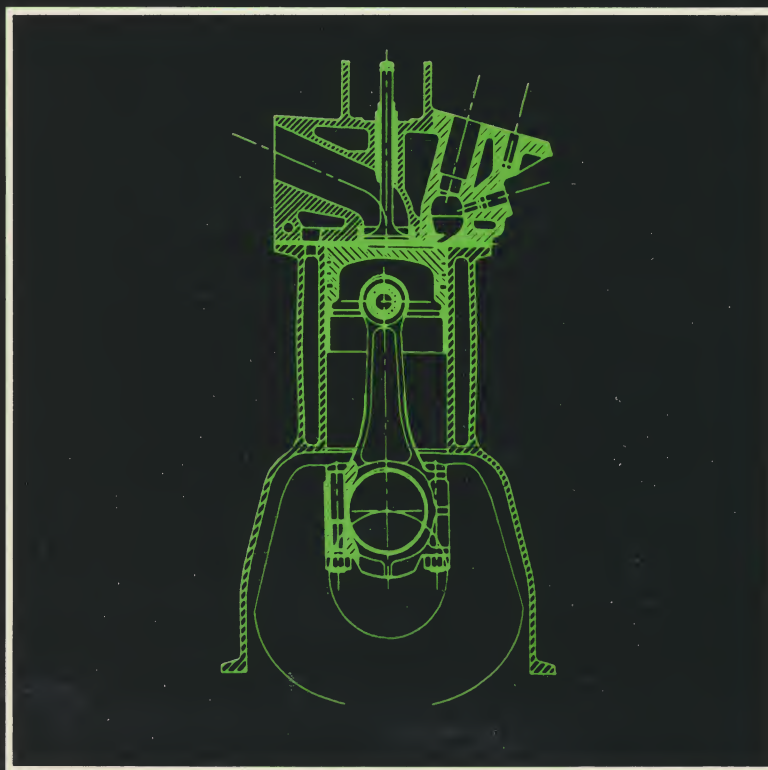
*The DYNAGRAPHIC Series II
Interactive Terminal is one
of the best ways to complete
your CAD/CAM system.*

Your users will get their jobs done faster
and with fewer headaches, thanks to this
powerful, interactive tool.

And we have a great deal more to offer
OEMs than just high-quality graphics.



*You're looking at the beginning
of a great deal in graphics.
There's a great deal more.*



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